

Jen had 9 hats. She gave 4 hats to Sam. How many hats does Jen have now? **Draw** a picture. **Write** an equation. Use a ? for the unknown number. **Solve** this word problem.

**Draw**

**Write**

**Solve**

Jen had 9 hats. She gave 4 hats to Sam. How many hats does Jen have now? **Draw** a picture. **Write** an equation. Use a ? for the unknown number. **Solve** this word problem.

**Draw**

1 Point

Student's drawing accurately illustrates the prompt.

**Write**

1 Point

$9 - 4 = ?$

**Solve**

1 Point

$? = 5$  hats

CCSS.1.OA.1—A

1

**Total: 3 Points**

Common Core State Standards for Mathematics 1.OA.1	
Grade:	1
Domain:	Operations and Algebraic Thinking
Cluster:	Represent and solve problems involving addition and subtraction.
Standard:	Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

**Write** the number that is 10 less than 520.

**Write**

**Write** the number that is 10 less than 117.

**Write**

**Write** the number that is 10 less than 407.

**Write**

**Explain** how you used mental math to get your answers.

**Explain**

---

---

---

---

---

---

**Write** the number that is 10 less than 520.

**Write**

**Write** the number that is 10 less than 117.

**Write**

**Write** the number that is 10 less than 407.

**Write**

**Explain** how you used mental math to get your answers.

**Explain**

---



---



---



---



---



---

CCSS.2.NBT.8—B 25

← 1 Point  
510

← 1 Point  
107

← 1 Point  
397

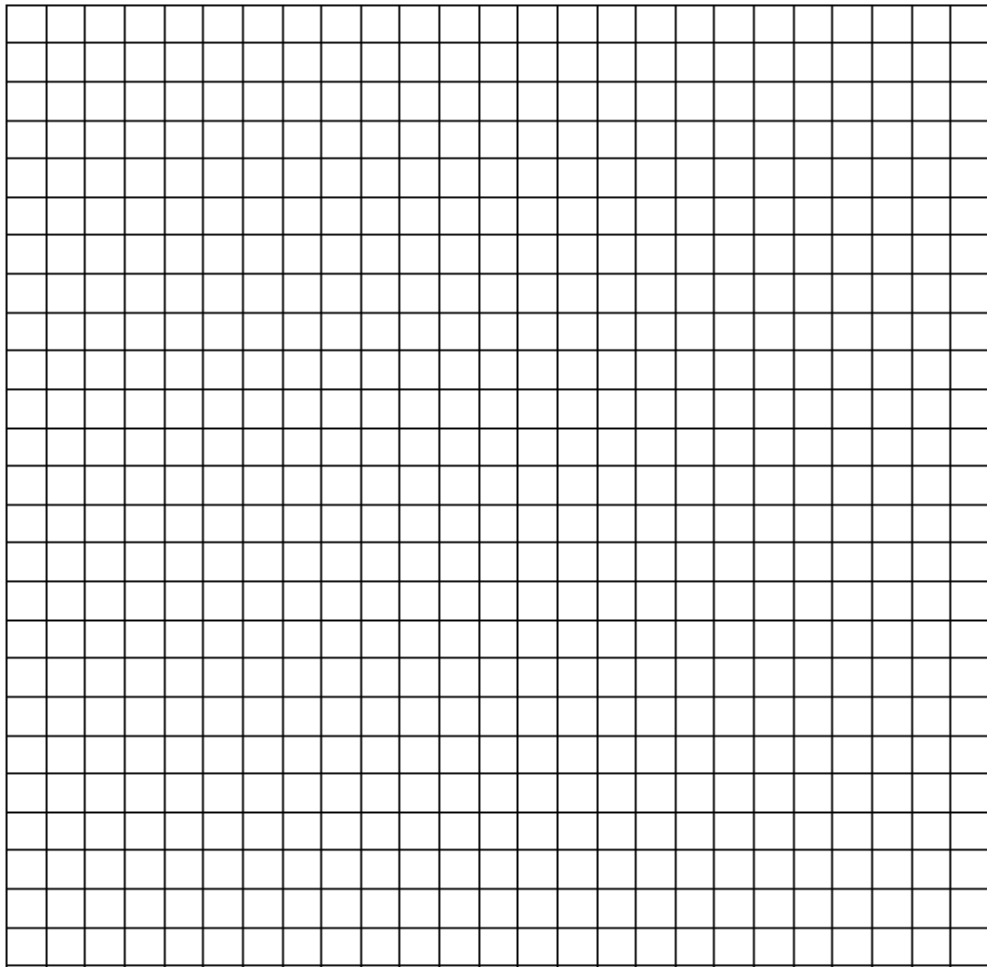
← 1 Point  
Answers will vary. Student's explanation must be accurate and complete.

**Total: 3 Points**

Common Core State Standards for Mathematics 2.NBT.8	
Grade:	2
Domain:	Number and Operations in Base Ten
Cluster:	Use place value understanding and properties of operations to add and subtract.
Standard:	Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.

**Draw** three different plane figures. Each plane figure must have an area of 24 square units. **Explain** how you know these figures have the same area.

**Draw**



**Explain**

---

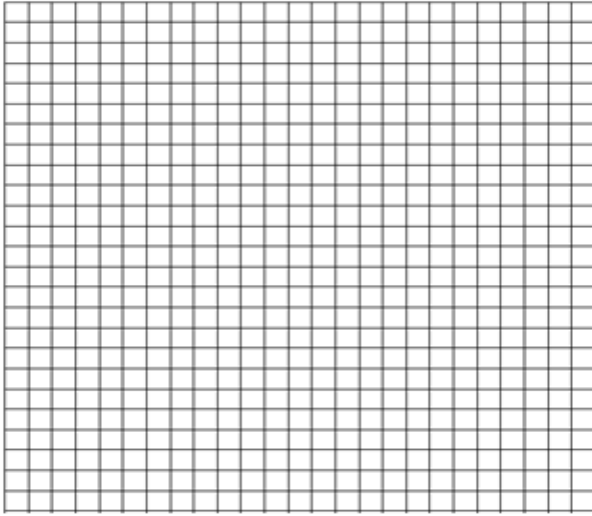
---

---

---

**Draw** three different plane figures. Each plane figure must have an area of 24 square units. **Explain** how you know these figures have the same area.

**Draw**



3 Points

Answers will vary. Student earns 1 point for each plane figure that is accurately drawn with 24 square units.

**Explain**

---

---

---

---

1 Point

Answers will vary. Student's explanation must show an understanding of square units and area.

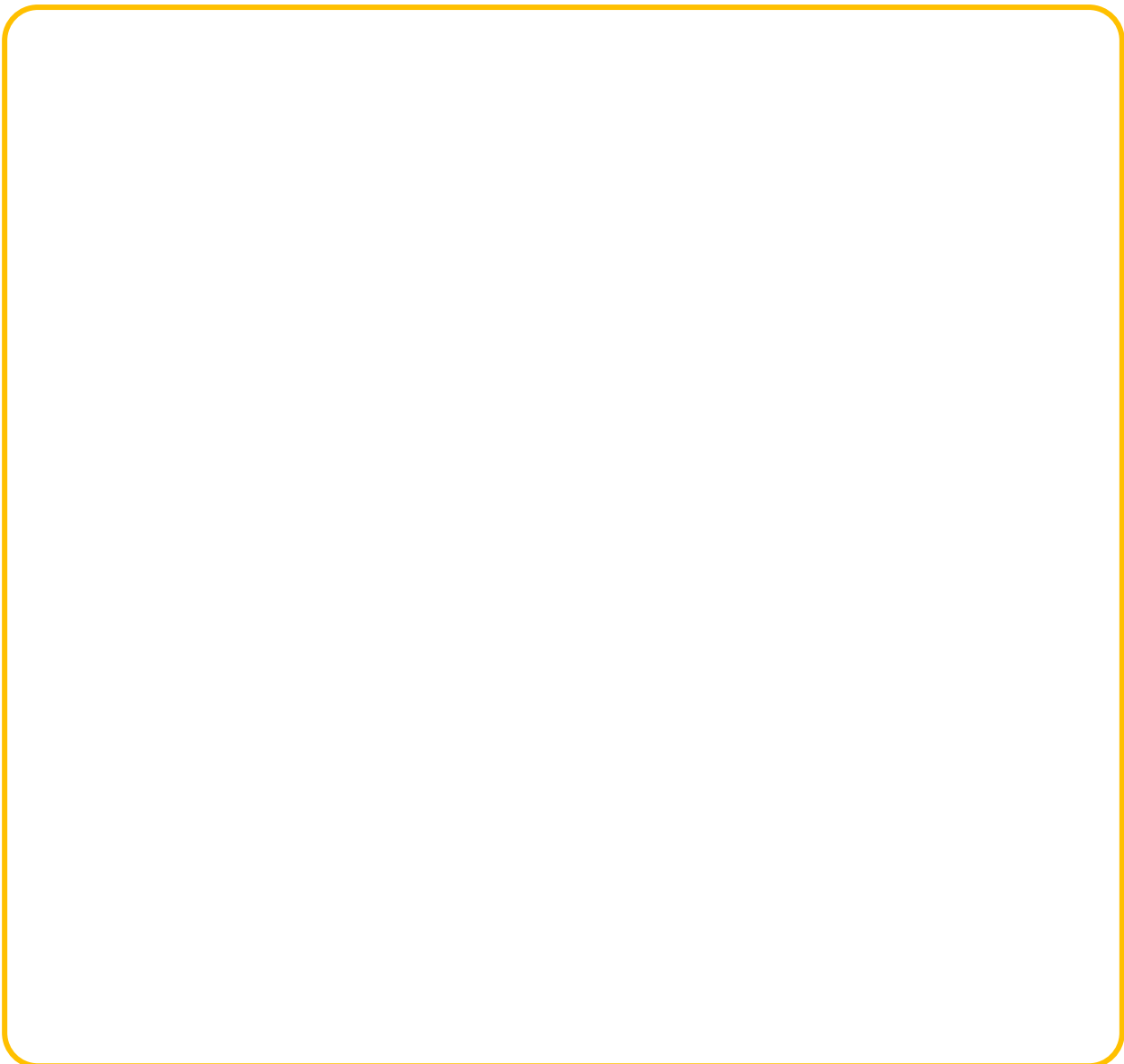
CCSS.3.MD.5.a

33

**Total = 4 Points**

Common Core State Standards for Mathematics 3.MD.5.a	
Grade:	3
Domain:	Measurement and Data
Cluster:	Geometric measurement: understand concepts of area and relate area to multiplication and to addition.
Standard:	<p>Recognize areas as an attribute of plane figures and understand concepts of area measurement.</p> <p>a. A square with side length 1 unit, called "a unit square," is said to have "one square unit" of area, and can be used to measure data.</p>

**Write** an equation that has sum of  $2\frac{5}{8}$  using fractions with the same denominator for all of the addends. **Draw** a model to explain your equation.



Write an equation that has sum of  $2\frac{5}{8}$  using fractions with the same denominator for all of the addends. Draw a model to explain your equation.

1 Point

Answers will vary. All addends must have the same denominator. The sum must equal  $2\frac{5}{8}$ .

1 Point

Answers will vary. Student must accurately draw fraction models that are the same size and same shape.

CCSS.4.NF.3.b

19

**Total = 2 Points**

### Common Core State Standards for Mathematics 4.NF.3.b

Grade:	4
Domain:	Number and Operations—Fractions
Cluster:	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
Standard:	Understand a fraction $a/b$ with $a > 1$ as a sum of fractions $1/b$ . b. Decompose a fraction into a sum of fractions with the same denominator in more than one way, recording each decomposition by an equation. Justify decompositions, e.g., by using a visual fraction model. <i>Examples:</i> $3/8 = 1/8 + 1/8 + 1/8$ ; $3/8 = 1/8 + 2/8$ ; $2\frac{1}{8} = 1 + 1 + 1/8 = 8/8 + 8/8 + 1/8$ .



**Write** a decimal number that includes value in the thousandths place.  
**Explain** how you would round your number to the nearest tenth.  
**Explain** how you would round your number to the nearest hundredth.



**Write** a decimal number that includes value in the thousandths place.  
**Explain** how you would round your number to the nearest tenth.  
**Explain** how you would round your number to the nearest hundredth.

1 Point

Answers will vary.

1 Point

Answers will vary. Student's explanation must be accurate and complete.

1 Point

Answers will vary. Student's explanation must be accurate and complete.

CCSS.5.NBT.4

11

**Total = 3 Points**

### Common Core State Standards for Mathematics 5.NBT.4

Grade:	5
Domain:	Number and Operations in Base Ten
Cluster:	Understand the place value system.
Standard:	Use place value understanding to round decimals to any place.